

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Koji SHIMAZAWA et al.

Application No.: 09/824,060

Filed: April 3, 2001

For: TUNNEL MAGNETORESISTIVE EFFECTIVE
ELEMENT, AND A THIN FILM MAGNETIC
HEAD, A MAGNETIC HEAD DEVICE AND
MAGNETIC DISK DRIVE DEVICE USING SAME
(AS AMENDED)



Group Art Unit: 2652

Examiner: David D. Davis

Docket No.: 109164

MAIL STOP RCE

**LARGE ENTITY REQUEST FOR
CONTINUED EXAMINATION UNDER 37 C.F.R. §1.114**

RECEIVED

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AUG 16 2004

Technology Center 2600

Sir:

In accordance with the provisions of 37 C.F.R. §1.114, Applicants hereby request continued examination.

☒ Applicants further request entry and consideration of the attached submission.

The above-identified application was filed on or after June 8, 1995. Thus, entry is proper under 37 C.F.R. §1.114(d).

Attached hereto is our check no. 157233 in the amount of ☒ \$770.00 as payment of the fees set forth in 37 C.F.R. §1.17(e). The Commissioner is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this page are enclosed.

Respectfully submitted,

[Signature]
James A. Oliff
Registration No. 27,075

Yong S. Choi
Registration No. 43,324

JAO:YSC/eks

Date: August 11, 2004

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Best Available Copy

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Koji SHIMAZAWA et al.

Application No.: 09/824,060

Filed: April 3, 2001

For: TUNNEL MAGNETORESISTIVE EFFECTIVE ELEMENT, AND A THIN FILM
MAGNETIC HEAD, A MAGNETIC HEAD DEVICE AND A MAGNETIC DISK
DRIVE DEVICE USING SAME (AS AMENDED)



Group Art Unit: 2652

Examiner: David D. Davis

Docket No.: 109164

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

AUG 16 2004

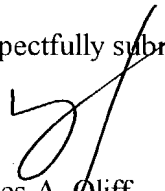
Technology Center 2600

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed with a Request for Continued Examination. No certification or fee is required.
- ☒ 2. English-language Abstracts of the non-English language references are attached hereto.
- ☒ 3. The references were cited in a counterpart foreign application. A copy of the Japanese Office Action is attached for the Examiner's information.

Respectfully submitted,


James A. Oliff
Registration No. 27,075

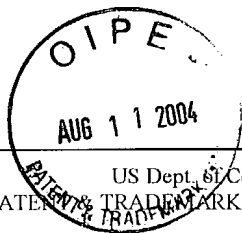
Yong S. Choi
Registration No. 43,324

JAO:YSC/eks
Date: August 11, 2004

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**

Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461



Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 109164		APPLICATION NO. 09/824,060	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Koji SHIMAZAWA et al.			
				FILING DATE April 3, 2001		GROUP 2652	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	5,862,022 (Abstract only, corresponds to JP 10-255231)	01/19/1999	Kiyoshi NOGUCHI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	2	JP 10-255231 (w/English-language Abstract and Abstract of corresponding U.S. Patent No. 5,862,022)	09/25/1998	JAPAN			
	3	JP 63-55714 (w/English-language Abstract)	03/10/1988	JAPAN			
	4	JP 11-213351 (w/English-language Abstract)	08/06/1999	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							